

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/542,161

Source: Put/0

Date Processed by STIC: 7/21/05

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/542,161

DATE: 07/21/2005
TIME: 09:42:45

Input Set : A:\762922_1.txt
Output Set: N:\CRF4\07212005\J542161.raw

3 <110> APPLICANT: Japan Science and Technology Agency
5 <120> TITLE OF INVENTION: TRANSCRIPTIONAL ACTIVATOR
7 <130> FILE REFERENCE: FS03-324PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/542,161
C--> 9 <141> CURRENT FILING DATE: 2005-07-14
9 <160> NUMBER OF SEQ ID NOS: 4
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 473
15 <212> TYPE: PRT
16 <213> ORGANISM: Rattus norvegicus
18 <400> SEQUENCE: 1
20 Met Ser Asp Gly Asn Pro Glu Leu Leu Ser Thr Ser Gln Thr Tyr Asn
21 1 5 10 15
24 Ser Gln Gly Glu Ser Asn Glu Asp Tyr Glu Ile Pro Pro Ile Thr Pro
25 20 25 30
28 Pro Asn Leu Pro Glu Pro Ser Leu Leu His Leu Gly Asp His Glu Ala
29 35 40 45
32 Gly Tyr His Ser Leu Cys His Gly Leu Ala Pro Asn Gly Leu Leu Pro
33 50 55 60
36 Ala Tyr Ser Tyr Gln Ala Met Asp Leu Pro Ala Ile Met Val Ser Asn
37 65 70 75 80
40 Met Leu Ala Gln Asp Gly His Leu Leu Ser Gly Gln Leu Pro Thr Ile
41 85 90 95
44 Gln Glu Met Val His Ser Glu Val Ala Ala Tyr Asp Ser Gly Arg Pro
45 100 105 110
48 Gly Pro Leu Leu Gly Arg Pro Ala Met Leu Ala Ser His Met Ser Ala
49 115 120 125
52 Leu Ser Gln Ser Gln Leu Ile Ser Gln Met Gly Leu Arg Ser Gly Ile
53 130 135 140
56 Ala His Ser Ser Pro Ser Pro Pro Gly Ser Lys Ser Ala Thr Pro Ser
57 145 150 155 160
60 Pro Ser Ser Ser Thr Gln Glu Glu Ser Asp Ala His Phe Lys Ile
61 165 170 175
64 Ser Gly Glu Lys Arg Pro Ser Thr Asp Pro Gly Lys Lys Ala Lys Asn
65 180 185 190
68 Pro Lys Lys Lys Lys Lys Asp Pro Asn Glu Pro Gln Lys Pro Val
69 195 200 205
72 Ser Ala Tyr Ala Leu Phe Phe Arg Asp Thr Gln Ala Ala Ile Lys Gly
73 210 215 220
76 Gln Asn Pro Ser Ala Thr Phe Gly Asp Val Ser Lys Ile Val Ala Ser
77 225 230 235 240
80 Met Trp Asp Ser Leu Gly Glu Glu Gln Lys Gln Ala Tyr Lys Arg Lys

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81	245	250	255
84	Thr Glu Ala Ala Lys Lys Glu Tyr Leu Lys Ala Leu Ala Ala Tyr Arg		
85	260	265	270
88	Ala Ser Leu Val Ser Lys Ser Pro Pro Asp Gln Gly Glu Ala Lys Asn		
89	275	280	285
92	Ala Gln Ala Asn Pro Pro Ala Lys Met Leu Pro Pro Lys Gln Pro Met		
93	290	295	300
96	Tyr Ala Met Pro Gly Leu Ala Ser Phe Leu Thr Pro Ser Asp Leu Gln		
97	305	310	315
100	320		
101	Ala Phe Arg Ser Ala Ala Ser Pro Ala Ser Leu Ala Arg Thr Leu Gly	325	335
104	Ser Lys Ala Leu Leu Pro Gly Leu Ser Thr Ser Pro Pro Pro Pro Ser	340	350
105	108 Phe Pro Leu Ser Pro Ser Leu His Gln Gln Leu Pro Leu Pro Pro His	345	350
109	355	360	365
112	Ala Gln Gly Thr Leu Leu Ser Pro Pro Leu Ser Met Ser Pro Ala Pro		
113	370	375	380
116	Gln Pro Pro Val Leu Pro Ala Pro Met Ala Leu Gln Val Gln Leu Ala		
117	385	390	395
120	400		
121	Met Ser Pro Ser Pro Pro Gly Pro Gln Asp Phe Pro His Ile Ser Asp	405	415
124	420	425	430
128	Ser Ser Gly Asp Trp Asp Gly Ser Tyr Pro Ser Gly Glu Arg Gly Leu		
129	435	440	445
132	133 Gly Thr Cys Arg Leu Cys Arg Ser Ser Pro Pro Pro Thr Thr Ser Pro		
133	450	455	460
136	Lys Asn Leu Gln Glu Pro Ser Ala Arg		
137	465	470	
140	<210> SEQ ID NO: 2		
141	<211> LENGTH: 1419		
142	<212> TYPE: DNA		
143	<213> ORGANISM: Rattus norvegicus		
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148	agcaacgaag actatgagat ccctcctata acaccccca atctccctga gccatccctc	120	
150	ctgcacacctgg gggaccacga agccggttac cactcactgt gtcacggcct tgcgccccaac	180	
152	ggctcgctcc ccgcctactc gtaccaggca atggatctcc cggccatcat ggtgtccaac	240	
154	atgctggccc aggatggcca cctgctgtca ggacagctgc ccacgatcca gaaatggtc	300	
156	cactcgagg tagctgccta tgactcaggc cggccaggc ccctgctggg ccgcctcg	360	
158	atgctggcca gccacatgag tgcctca gatccatcatca gatgggcctc	420	
160	cggagtggca ttgcccacag ctccccatca ccccccaggaa gcaagtca gacccgtct	480	
162	ccatccagct ccacccaggaa ggaggagtca gatgccatt tcaagattc aggagagaag	540	
164	agaccctcaa cagacccagg caaaaaggcc aaaaatccaa agaagaagaa gaagaaggat	600	
166	cccaatgagc cacagaagcc agtgtcggcc tacgtctct tcttcagaga cactcaggct	660	
168	gccatcaagg ggcagaaccc cagtgccacc tttggggatg tttccaaaat tgtggcctcc	720	
170	atgtggaca gcctggaga agagcagaaa caggcgtata agaggaagac cgaagctgcc	780	
172	aagaaggagt acctgaaagc cttggcggcc tacagagcta gcctcgtgtc caagagcccc	840	
174	ccggaccaag gcgaggccaa gaacgctcag gcaaaccac cagccaaaat gctccaccc	900	

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176	aaggcggccca	tgtacgccat	gcccggcctg	gtttccttcc	tgacgccc	tcgac	cgacctgcag	960								
178	gcttccgca	gcg	cagcc	tcctgcc	ctc	gccc	cgctgg	ctc	caagg	cc	ctg	1020				
180	ctgccaggcc	tc	agcac	cct	ccacc	cc	ctc	cc	ctc	tc	cc	ttgcac	1080			
182	cagcagctgc	ca	ctg	ccacc	cc	acgc	cc	gtt	acc	cttcc	tc	agccc	tc	tct	catg	1140
184	tccccagccc	cg	cag	cctcc	tgt	cctgc	cc	ccccatgg	ca	ctcc	ca	gg	gtt	gc	agctgg	1200
186	atgagcccc	cgc	ctcc	agg	gg	ccacagg	ttt	ccacaca	tct	tgc	actt	ccc	cc	cc	cc	1260
188	tctggctccc	g	ctc	acctgg	cc	atccaa	c	tttcc	ca	gc	ggg	act	g	g	atggg	1320
190	taccccagtg	gg	gag	cg	gg	c	c	tcc	g	t	ca	g	cc	cc	cc	1380
192	accaccagcc	ca	aa	aa	cc	tt	cc	cc	cc	cc	cc	cc	cc	cc	cc	1419
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197	<212>	TYPE:	DNA													
198	<213>	ORGANISM:	Artificial sequence													
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201	<223>	OTHER INFORMATION:	primer													
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209	<212>	TYPE:	DNA													
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213	<223>	OTHER INFORMATION:	primer													
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VERIFICATION SUMMARY

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Input Set : A:\762922_1.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date